DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Beryl

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DMA Docket No. 1916-X

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DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

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DMA Docket No. 1916

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Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To:	Mr. Barr	Date	8/6/51
To:	Coordinating Com	Date	9-25
To:	R & R	Date	9-28
To:	CODE 370 INDUS. MINLS. BR.	Date	10-22-51
To:	Mr Waskey	Date	
To:		Date	
To:		Date	
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CONTROLLED DOCUMENT

S. A.
2-12-52

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 630

FEB 12 1952

SAFeitler
Houk
Norton
Needleman
Hay
Hedges

Mr. M. B. Hanauer, President
American Gem and Pearl Company
6 West 43th Street
New York, New York

Subject: Docket No. DMEA-1916 - Beryl
Bissman Mine (Rumgerford-McKinney)
Mitchell County, North Carolina

Dear Mr. Hanauer:

The above application has been reviewed by the staff of the Defense Minerals Exploration Administration.

Your application for exploration assistance cannot be granted because it does not offer promise of disclosing a significant quantity of beryl, and is not sufficiently encouraging to justify Government participation.

The Defense Minerals Exploration Administration wishes to thank you for your interest in the defense effort.

Sincerely yours,

G. O. Mittendorf (for)

J.N.
2-12-52

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:gad
2/5/52
Copy to: Region VII (2)
Admin. Reading File
Mr. Needleman, 1347
Mr. Norton, G-228, GSA Bldg.
Mr. Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
Room 13, Post Office Building
Knoxville 2, Tennessee

RECEIVED
NOV 8 1951

November 7, 1951

Memorandum

To: Mr. Tom Lyon, Chairman, Coordinating Committee

From: Executive Officer, DMA Field Team, Region VII

Subject: DMA-1916X, American Gem and Pearl Company

Enclosed is a report on the subject tract, received from the applicant after transmission of our field examination report on October 19. I note that a copy of Mr. Hanauer's letter of October 23, transmitting this report to me, was sent to you.

Mr. Teague and I have studied this report, but see no reason to change any of the conclusions expressed in the October 19 report; however, we are forwarding the Wade report so that it may be considered by the Washington staff in reviewing the proposal.

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMA Field Team
Region VII

Enclosure

OFFICIAL FILE COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Room 13, Post Office Building
Knoxville 2, Tennessee

November 7, 1951

Mr. M. B. Hanauer
American Gem and Pearl Company
6 West 48th Street
New York 19, New York

Re: DMA - 1916X - Beryl
Spruce Pine, North Carolina

Dear Mr. Hanauer:

The delay in answering your letter of October 23 was caused by an unavoidable absence from the city, from which I have just returned.

Both Mr. Teague and I have studied the report you sent. As feldspar is not one of the strategic or critical minerals, its presence can have only a secondary bearing upon the project, which must be based upon the probability of a significant discovery of strategic or critical minerals.

I am forwarding the Wade report to the Washington office, for their consideration along with the field examination report which was transmitted on October 19. You will be advised of the results by the Washington office.

Very truly yours,

Robert A. Lawrence
Executive Officer, DMA Field Team
Region VII

RAL/mg

cc - Mr. Beck
Mr. Lyon
Mr. Lynch

PROPERTY AREA

50	Acres	Hungerford tract owned in fee
8	"	McKinney tract owned in fee
3	"	Wiseman, mineral rights only
15	"	Wiseman, mineral rights only

76 Acres (Total)

The tracts form a connected but irregular-shaped block. Mining has been done on the outcrops of two acquamarine deposits (each a distinctly different type) as follows:

Type 1 on the 3 acre and 15 acre Wiseman tracts. This is a regular pegmatite vein.

Type 2 on the 50 acre Hungerford. This is a bed of mica schist injected with pegmatite stringers. No outcrop on the McKinney, but the deposits should extend into this lot depth. (See geological Cross Section).

GEOLOGY

The principal rocks of the region are metamorphic sediments (mica schist and hornblende schist) intruded by granites and pegmatites. The general strike is North to Northeast and the dip (at all angles) to the East on the Eastern slope and the reverse on the Western side of the range.

The Blue Ridge Mountains in this section are evidently an uplift caused by the intrusion of an immense granite batholith. This granite mass shot off pegmatite dikes which extended upward into the overlying schists. These pegmatites occur over an area of about 75 miles long and 20 to 30 miles wide, with Spruce Pine in the heart of the occurrences. The dikes are the source of the feldspar and mica both of which are extensively mined in the district. It is in these pegmatites that the various varieties of beryl such as aquamarine, golden beryl and emerald are found.

The dikes are of all sizes from little veinlets an inch wide, to masses several hundred feet across. They generally conform to the bedding planes of the schists but not always.

The larger dikes seldom contain any beryl of gem quality but contain large masses of feldspar, as in the Deer Park mine where the solid feldspar mass is 80 feet wide by 200 feet long and of unknown vertical extent.

The smaller dikes, those from one to ten feet wide, contain more mica and beryl. In a few rare instances this beryl is transparent and furnished aquamarine, white beryl, yellow beryl, and in one deposit, emerald.

The pegmatites of the region seem poorer in lithia minerals than those of Maine.

.....

AQUAMARINE DEPOSITS

On the property of the American Gem and Pearl Co. two distinct types of deposit have been worked for aquamarine. These are as follows:

(1) One strong, well-defined pegmatite vein 5 to 10 feet thick and outcropping on the Wiseman 3-acre lot and the Wiseman 15-acre lot.

(2) Two layers of mica schist injected with innumerable small pegmatite stringers, from 1 to 8 inches thick. These mica schist layers outcrop on the Ungerford 50-acre tract.

WISEMAN MINE

The vein is a strong pegmatite 5 to 10 feet thick, striking N 20 degrees E. and dipping Eastly at varying angles from almost flat to 45 degrees; 22 degrees is about the average.

Two principal workings and two minor workings have been opened on the 3-acre lot and two more working to the south on the 15-acre lot. The various workings prove the vein for a length of 500 feet along its outcrop and the probable length of the vein is much greater. It probably extends for a 1,000 feet on the company's property. There is no means of proving its extent in depth from the work done to date, but it should extend down the dip to the company's boundary line, a distance of 1200 feet.

Feldspar as a rule occurs in the center of the vein, the mica and beryl near the walls. This condition is occasionally reversed, but not often. Where the vein is wide it carries more feldspar and less beryl. Where it is narrow, the beryl and mica increase. The narrower portions have produced the best aquamarines. The occurrence of gem quality aquamarine is so erratic that the only way to mine for them is to remove the whole vein. There is no way of predicting what the yield will be from any definite area of the vein. It is just a matter of finding good pockets or bunches.

The total amount of material that has been mined from the vein to date is relatively small and probably does not exceed 3,000 tons, -- or less. This is difficult to determine with any degree of accuracy, as the workings are half full of waste rock, cavings and water.

At two openings on the Wiseman 3-acre lot, considerable solid feldspar was seen. The spar was 7 feet thick at one point and 4 feet thick at another. The leasor Bartlett, has been mining at these points and has shipped 194 1/2 tons according to figures furnished me by Wiseman.

It is idle to estimate the total amount of spar in the vein as we have no reliable data to work with, but it is interesting to do so however.

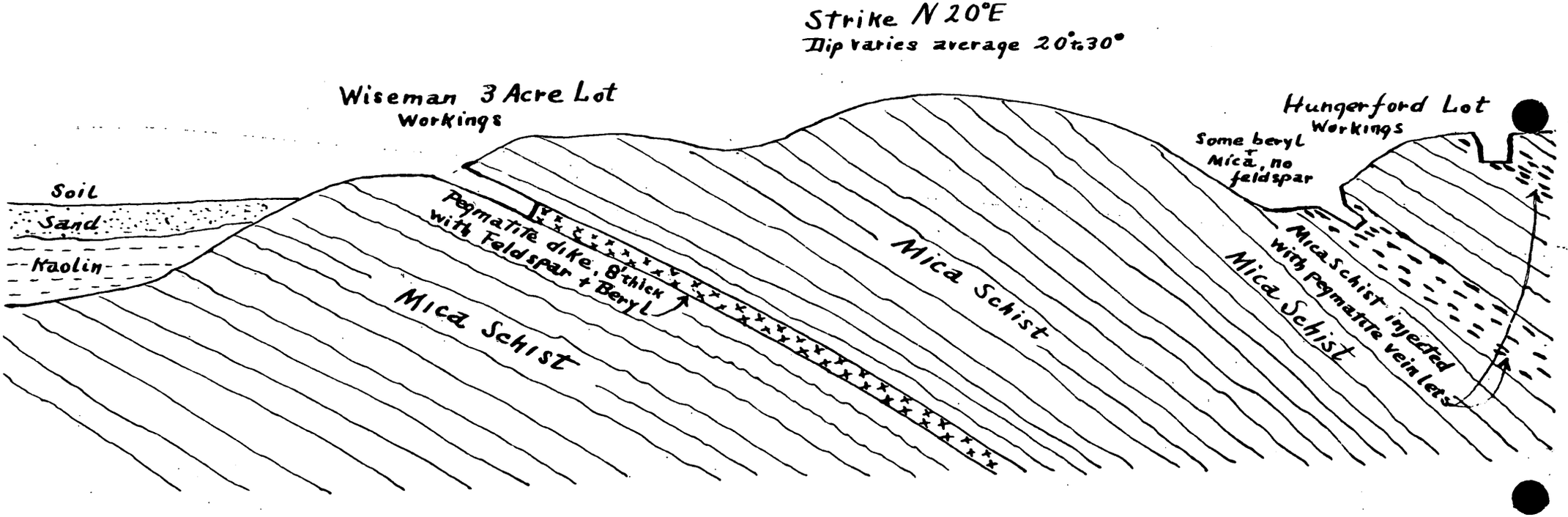
Assuming a width of 4 feet, a length of 1,000 feet, and a depth of 1200 feet, the figure is 37,000 tons. Assuming half of this is rejected in sorting for clean spar, we get 168,000 tons, which, at $4.50 per ton, equals $756,000. To get this tonnage there must be mined a 1,000,000 tons of pegmatite vein at a probable cost of $1.50 per ton or $1,500,000. These figures mean nothing as to the tonnage of spar as there is not enough development work to prove the amount, but they are interesting because they tend to show that the spar would bear about half the expense of mining for aquamarine. The cost of figures are based on systematic mining at a rate of at least 3,000 tons a month. The price of $4.50 per ton for spar is used to allow for the hauling expense of $1.50 per ton to the railroad.

The past management did not conduct operations at a rapid enough rate and the result was that the expense was out of proportion to the work accomplished.

The question of cracks in the aquamarine was investigated and the practice seems to have been to break the beryls open with a hammer so as to inspect the center. This would naturally shatter or start cracks all through such hard brittle material as beryl.

It would require an outlay of about $15,000 for a small air compressor, hoist, drills, oil engine, etc., and $3,000 for dead work, to resume mining operations in a proper manner.

Whether or not mining for aquamarine would pay, depends on several factors, the principal ones being the market demand, price per karat, and the yield of aquamarine per 1,000 tons of vein mined. Past experience should be a good measure as to the quantity of aquamarine produced per 1,000 tons mined.



Geological Cross Section
{Not to any scale}

American Gem + Pearl Co.
Aquamarine Property
Spruce Pine, N.C.

cc: Mr. Tom Ly
Director, Supply Division
U.S. Dept. of Int.
Defense Minerals Administration
Washington 25, D. C.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

OCT 24 10 13 AM '51

October 23, 1951

Mr. Robert A. Laurence
Defense Minerals Administration
P.O. Building
Room 13
Knoxville, Tennessee

Re: LM R-~~916~~ 1916
Beryl - Spruce Pine, N.C.

Dear Mr. Laurence:

Returned to New York a couple of days ago, and have since then discovered some additional information which may help you with regard to our application.

I found a report on several of our mines based on an inspection made in 1926 by Mr. W. R. Made of Boston and Silver City, New Mexico, whom you possibly may know.

I am enclosing his findings pertinent to our Spruce Pine Beryl location as well as a photostatic copy of his geological map. Apparently, he considers the quantity of obtainable feldspar important, and in evaluating his cost figures and selling prices, it must be borne in mind that his report was made 25 years ago.

I will appreciate hearing from you at your earliest convenience after you have looked over the map and read the pertinent part of the report.

Faithfully yours,

M. B. Hanauer

MBH/fj
encl.

R. Waskey

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OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D. C.~~
Room 13, Post Office Building
Knoxville, Tennessee

October 19, 1951

Memorandum

To: Mr. Tom Lyon, Chairman, Coordinating Committee

From: Field Team, Region VII

Subject: DMA-1916X, American Gem & Pearl Co.

Transmitted herewith are 4 copies of field examination report on the subject tract, by A. L. Peyton and K. H. Teague. The Field Team concurs in the recommendation for denial of the application.

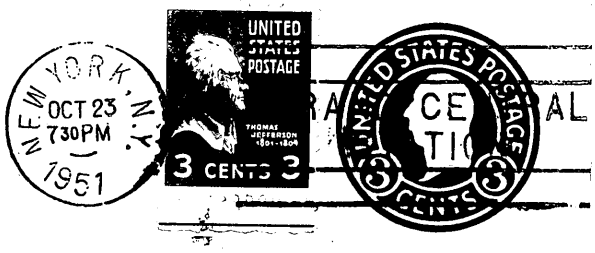
The original application, review, and other papers, are returned herewith.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 22 9 09 AM '51

Robert A. Laurence
Robert A. Laurence
U. S. Geological Survey

Wm. A. Beck
Wm. A. Beck for V. J. Lynch
U. S. Bureau of Mines

After 5 days, return to
AMERICAN GEM & PEARL CO.,
6 West 48th Street,
NEW YORK 19, N. Y.



Mr. Tom Lyon
Director, Supply Division
U.S. Dept. of Int.
Defense Minerals Administration
Washington 25, D. C.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 22 9 09 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-1916X, Hungerford & McKinney Mines, or Wiseman Mines,
American Gem & Pearl Company
Spruce Pine, Mitchell County, North Carolina

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines

Kefton H. Teague, Geologist
U. S. Geological Survey

October 11, 1951

Report of Examination by Field Team on

DMA-1916K, Hungerford and McKinney,
or Wiseman Mines, (Beryl)
Spruce Pine, Mitchell County,
North Carolina

Gem quality beryl has been mined from both flanks of Carter's Ridge, located about two miles southeast of Spruce Pine, Mitchell County, North Carolina. These deposits were worked from about 1904 to 1910 by the American Gem & Pearl Company, 6 West 48th St., New York, N.Y. for gem beryl. Since that date the mines have been inactive.

Along the southwest side of the Ridge (Hungerford Mine) prospecting and mining have been conducted for a distance of approximately 300-feet. Most of the work has been at relative shallow depths; however at the southeast end of the area worked, one shaft is reported to have been sunk to 114-feet. Whether or not any drifting was conducted from the shaft is unknown. The pits and shallow open cuts are aligned in a N.50° W. direction which is apparently the trend of the beryl-producing pegmatites. At one place where it was possible to examine rock in place, the slatey mica schist and gneiss country rock had a strike of N 50° W., dipping 10° Northeast. A 5-foot pegmatite, exposed in the opening was conformable with the country rock in strike, but dipped about 45° northeast. At this place, both wall rock and pegmatite are only slightly weathered to within five feet of the surface. The pegmatite is of medium fine texture, consisting of green A mica in small sizes,

plagioclase, and microcline feldspar, and quartz. According to William Wiseman who accompanied the Field Team to the deposit, the beryl-bearing pegmatite occurs about 10-feet below the one examined and described above, and the beryl occurs along the hanging wall contact. No exposures were found to verify this report.

Dump material from the various openings were carefully examined for beryl. In some of them small fragments of beryl were found, others showed no beryl at all. Those dumps which showed beryl probably contained considerably less than one percent.

Along the northeast side of the Ridge (McKinney or Wiseman mine) two series of trenches and pits about 100-feet apart are aligned in a N. 20° E. direction. At this place these two zones have been prospected along a distance of approximately 400-feet. The openings have slumped and caved and no rock in place is exposed. Decomposed pegmatite and wall rock occur in the dumps, but very little beryl can now be found, either around the openings or in dumps. Depth to which the deposit was mined on the northeast side of the Ridge is unknown.

Mr. Wiseman reports that following the end of gem mining about 1910, parties other than those who operated the mines removed and sold about 100-tons of common beryl that had been produced during the operation. Some crystals are reported to have weighed as much as 20-30 pounds.

Beryl fragments which can now be found at these places ~~is~~ are generally light blue to nearly clear in color. Some fragments are greenish yellow.

In summary certain features should be breifly reviewed.

1. Rocks along the southwest side of the Ridge (Hungerford Mine) are reasonably fresh, thus bulldozing to prospect this area would be impractiable. On the northeast side of the Ridge the rock is soft, but little beryl was found.

2. Any by-product mica would be of green color and small sizes (scrap), thus of little value.

3. Percentage of beryl in dumps suggest that beryl content of beryl-producing zone in pegmatite is very low, probably too low for commercial operation.

4. Total production of common beryl during period of operation 1904-10 (?) is reported to have been about 100-tons. Some common beryl was probably shipped with the gem material; however, including this material the total production per year was no more than 20-tons.

With these factors in mind the Field Team believes that the probability of making a worthwhile discovery at this place is very remote, thus recommend that the loan requested be refused.

October 11, 1951

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines

Kefton H. Teague, Geologist
U. S. Geological Survey

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

OCT 22 9 09 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-1936X, Hungerford & McKinney Mines, or Wiseman Mines,
American Gem & Pearl Company
Spruce Pine, Mitchell County, North Carolina

A. L. Payton, Mining Engineer
U. S. Bureau of Mines

Kefton H. Teague, Geologist
U. S. Geological Survey

October 11, 1951

Report of Examination by Field Team on

DMA-1916X, Hungerford and McKinney,
or Wiseman Mines, (Beryl)
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OCT 22 9 09 AM '51

UNITED STATES
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DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-1516X, Hungerford & McKinney Mines, or Wiseman Mines,
American Gem & Pearl Company
Spruce Pine, Mitchell County, North Carolina

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines

Kefton H. Teague, Geologist
U. S. Geological Survey

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DMA-1916X, Hungerford and McKinney,
or Wiseman Mines, (Beryl)
Spruce Pine, Mitchell County,
North Carolina

Gem quality beryl has been mined from both flanks of Carter's Ridge, located about two miles southeast of Spruce Pine, Mitchell County, North Carolina. These deposits were worked from about 1904 to 1910 by the American Gem & Pearl Company, 6 West 48th St., New York, N.Y. for gem beryl. Since that date the mines have been inactive.

Along the southwest side of the Ridge (Hungerford Mine) prospecting and mining have been conducted for a distance of approximately 300-feet. Most of the work has been at relative shallow depths; however at the southeast end of the area worked, one shaft is reported to have been sunk to 114-feet. Whether or not any drifting was conducted from the shaft is unknown. The pits and shallow open cuts are aligned in a N.50° W. direction which is apparently the trend of the beryl-producing pegmatites. At one place where it was possible to examine rock in place, the slatey mica schist and gneiss country rock had a strike of N 50° W., dipping 10° Northeast. A 5-foot pegmatite, exposed in the opening was conformable with the country rock in strike, but dipped about 45° northeast. At this place, both wall rock and pegmatite are only slightly weathered to within five feet of the surface. The pegmatite is of medium fine texture, consisting of green A mica in small sizes,

plagioclase, and microcline feldspar, and quartz. According to William Wiseman who accompanied the Field Team to the deposit, the beryl-bearing pegmatite occurs about 10-feet below the one examined and described above, and the beryl occurs along the hanging wall contact. No exposures were found to verify this report.

Dump material from the various openings were carefully examined for beryl. In some of them small fragments of beryl were found, others showed no beryl at all. Those dumps which showed beryl probably contained considerably less than one percent.

Along the northeast side of the Ridge (McKinney or Wiseman mine) two series of trenches and pits about 100-feet apart are aligned in a N. 20° E. direction. At this place these two zones have been prospected along a distance of approximately 400-feet. The openings have slumped and caved and no rock in place is exposed. Decomposed pegmatite and wall rock occur in the dumps, but very little beryl can now be found, either around the openings or in dumps. Depth to which the deposit was mined on the northeast side of the Ridge is unknown.

Mr. Wiseman reports that following the end of gem mining about 1910, parties other than those who operated the mines removed and sold about 100-tons of common beryl that had been produced during the operation. Some crystals are reported to have weighed as much as 20-30 pounds.

Beryl fragments which can now be found at these places ~~is~~ are generally light blue to nearly clear in color. Some fragments are greenish yellow.

In summary certain features should be breifly reviewed.

1. Rocks along the southwest side of the Ridge (Hungerford Mine) are reasonably fresh, thus bulldozing to prospect this area would be impractiable. On the northeast side of the Ridge the rock is soft, but little beryl was found.

2. Any by-product mica would be of green color and small sizes (scrap), thus of little value.

3. Percentage of beryl in dumps suggest that beryl content of beryl-producing zone in pegmatite is very low, probably too low for commercial operation.

4. Total production of common beryl during period of operation 1904-10 (?) is reported to have been about 100-tons. Some common beryl was probably shipped with the gem material; however, including this material the total production per year was no more than 20-tons.

With these factors in mind the Field Team believes that the probability of making a worthwhile discovery at this place is very remote, thus recommend that the loan requested be refused.

October 11, 1951

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines

Kefton H. Teague, Geologist
U. S. Geological Survey

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
12 07 PM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GEOLOGICAL SURVEY~~
DEFENSE MINERALS ADMINISTRATION
Room 13, Post Office Building
Knoxville 2, Tennessee

October 4, 1951

Mr. Tom Lyon
Chairman, Coordinating Committee
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Subject: DMA-1916-X - Beryl
American Gem and Pearl Co.

Dear Mr. Lyon:

This will acknowledge receipt, on this date, of docket DMA-1916-X, American Gem and Pearl Co., 6 West 48th Street, New York, N. Y., for exploration of beryl in North Carolina. Field examination will be made in the near future.

Sincerely,

Wm. A. Beck for R. A. Laurence
Executive Officer, DMA Field Team
Region VII

OFFICIAL FILE COPY

To	Init.	Date
370	Q. E. C.	10-8

Washey

co[illegible] given to Mr. Beck
mg

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

OCT 22 9 09 AM '51

370

OCT 4 REC'D

OCT 2[illegible] 1951

Mr. M. B. Hammer, President
American Gem Pearl Company
6 West 48th Street
New York, N. Y.

Subject: DMA-1916 Beryl
Spruce Pine, N. C.

Dear Mr. Hammer:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville, Tennessee, for further information.

Sincerely yours,

Tom Tyon, Director
Supply Division

RWASKEY:mp
9-24-51
cc: Field Team, Region VII (2)
DM Docket File
Mr. Carr

MR. JAMES A. BARR, SR., CHIEF INDUSTRIAL MINERALS BRANCH

INTER OFFICE MEMO FORM NO. 1

THIS FORM MUST REMAIN IN THIS FILE JACKET AT ALL TIMES

DMA-
TA-

CHARGED TO		DATE	RET'D	SENDER'S INITIALS	REMARKS
ARUNDALE					
BANNERMAN					
BARR					
BOXD, ADMIN.					
BACON					
BOWLES, DR.					
BOURRET					
BRYSON					
CADEM					
CHANDLER					
CRIM					
FIELD TEAM					
GUNNSALLUS					
JOSEPHSON					
KEMP					
LYON					
MCGAHN					
FLURY					
MITTENDORF					
MARSH					
MOON					
MOSIER					
NORTON					
PARSONS					
STROBEL					
VAN ALSTINE					
WASKEY	x	8-8-51		sgl	
WEBER					

NAME OF APPLICANT: American Gem & Pearl Company
BUSINESS ADDRESS: 6 West 48th Street, New York, New York
PLANT SITE: Spruce Pine, North Carolina
TYPE OF LOAN: Exploration
TA:
DMA 1916-X
AMOUNT: $2,000 90%
COMMODITY & QUANTITY OR PURPOSE: Beryl

FINAL ACTION: 9-25 Field TT

Mr. M. B. Hammer, President
American Gem & Pearl Company
6 West 48th Street
New York, N. Y.

Subject: DMA-1916 Beryl
Spruce Pine, N. C.

Dear Mr. Hammer:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville, Tennessee, for further information.

Sincerely yours,

Tom Lyon, Director
Supply Division

RWASKEY:mp
9-24-51
cc: Field Team, Region VII (2)
DMA Docket File
Mr. Barr

Mr. Robert A. Laurence, Executive Officer
DMA Field Team, Region VII
Room 13, Post Office Bldg.
Knoxville, Tenn.

American Gem & Pearl Co.

DMA1916X

Beryl

2,000

IN REPLY REFER TO:

G-MD-WRG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 20, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts, U. S. Geological Survey

Subject: Application DMA-1916 from the American Gem and Pearl Company for beryl exploration in Mitchell County, North Carolina.

The Geological Survey files contain no data on either of these deposits, although the southern one -- the Hungerford mine -- is shown on a geologic map of part of the district by J. C. Olson and J. J. Page.

If the application is referred to the field team the following should be determined:

1. The size, shape, and attitude of the pegmatite dikes.

2. The beryl content of the beryl-bearing unit in the pegmatite and the size of crystals.

3. The composition of the beryl-bearing rock. Is it weathered or fresh?

4. The proportion of beryl recoverable by hand cobbing.

5. Possible by-products that would make mine operation pay. Mica is mentioned by applicant.

6. That common beryl, not gem beryl, is actually the material sought. I doubt that the Government is interested in opening a gem mine for the company.

7. The most economical way to explore the deposits.

8. A large sample of the dump should be taken, split by the core method or in any other convenient way, and submitted for a spectrographic BeO determination.

The deposit should be examined carefully before recommending a loan as no deposit in the region has contained more than one or a small number of pockets of beryl. It is likely that the pocket reportedly mined here for gem beryl is the only one within many feet of the surface.

W. R. Griffitts

W. R. Griffitts

August 7, 1951

Mr. M. B. Hananer, President
American Gem and Pearl Company
6 West 48th Street
New York, New York

Subject: DMA-1916
Re: Exploration Loan -
Hungerford Mine, Wiseman
Mine

My dear Mr. Hananer:

Receipt is acknowledged of your application and attachments of July 31, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1916 and referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on August 6, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1916.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Reports & Records Unit

REAdams:jc
cc: ✓Barr
Lyon
Reports & Records File

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1916

Date received 8/3/51

Participation

AMERICAN GEM & PEARL COMPANY
6 West 48th Street,
New York, N. Y.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1951

Name and address of applicant

Date July 31, 1951

FILL IN THIS BLOCK

Date of application July 31, 1951

Estimated cost 2,000

Mineral or metal Beryl

Percentage of Government participation 90%

Location of mine Spruce Pine, N. C.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation

*2. If a partnership, state names and addresses of partners. ---

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See attached four sheets

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. ----

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? $200 - Yes

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

American Gem and Pearl Co. By _____
(Name of company) (Signature of authorized official)

7/31/51 _____
(Date) (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

9-22-51 6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1915

Commodity Beryl

Total Amount 2000

Govt. Participation 90%

1. Name and Address of Applicant American Gem & Pearl Co.
6 West 48th St. New York

2. Location of Property Spruce Pine, N.C.

3. Mineral or metal Beryl Is it listed in Section 9 of MO-5?
If not, application will be rejected. Yes

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination See Memo Attached

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes, owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? NO

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes a) b)

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? NO

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? NO

If not, are there sufficient data given so that you can describe the project? NO If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? NO

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? Program too indefinite — lay out something more systematic

Is this part a worthwhile exploration project? Team Decide

d) Are the cost estimates detailed? Fairly well

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? Appear so

f) Should more information be requested from applicant? By Field Team

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Yes Actual Needs

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes except to establish needs

b) Is the schedule adequate for the work proposed? —

c) Is the schedule excessive for the work proposed? —

d) Are the proposed wages and salaries reasonable? Appear so

e) Is a field check needed? Yes - Establish need for a more definite program

14. Exhibit E (question 23-c)*

a) Is it applicable? NO

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? NO

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Providing Examination yields geological basis to justify exploration lay out a definite program and submit necessary contract data including station map

Reviewed by: P Bressley

Date 7/22/57

97692

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

OCT 22 9 10 AM '51

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1916

Commodity Beryl

Total Amount 2000

Govt. Participation 90%

1. Name and Address of Applicant American Gem & Pearl Co.
6 West 48th St. New York

2. Location of Property Spruce Pine, N.C.

3. Mineral or metal Beryl Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination See Memo Attached

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes, owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? NO

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes a) b)

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? NO

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? NO

If not, are there sufficient data given so that you can describe the project? NO If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? NO

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? Program too indefinite to carry out something more systematic

Is this part a worthwhile exploration project? Farm Development

d) Are the cost estimates detailed? Fairly well

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? Appears so

f) Should more information be requested from applicant? No Total Loan

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Yes Actual Needs

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes except for estimate needs

b) Is the schedule adequate for the work proposed? —

c) Is the schedule excessive for the work proposed? —

d) Are the proposed wages and salaries reasonable? Appear so

e) Is a field check needed? Yes - Estimate [illegible]

[illegible]

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Running reconnaissance levels general area to justify exploration by any a separate program and submit necessary additional data including [illegible]

Reviewed by: [illegible]

Date [illegible]

97692

IN REPLY REFER TO:

G-MD-WRG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 20, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts, U. S. Geological Survey

Subject: Application DMA-1916 from the American Gem and Pearl Company for beryl exploration in Mitchell County, North Carolina.

The Geological Survey files contain no data on either of these deposits, although the southern one -- the Hungerford mine -- is shown on a geologic map of part of the district by J. C. Olson and J. J. Page.

If the application is referred to the field team the following should be determined:

1. The size, shape, and attitude of the pegmatite dikes.

2. The beryl content of the beryl-bearing unit in the pegmatite and the size of crystals.

3. The composition of the beryl-bearing rock. Is it weathered or fresh?

4. The proportion of beryl recoverable by hand cobbing.

5. Possible by-products that would make mine operation pay. Mica is mentioned by applicant.

6. That common beryl, not gem beryl, is actually the material sought. I doubt that the Government is interested in opening a gem mine for the company.

7. The most economical way to explore the deposits.

8. A large sample of the dump should be taken, split by the core method or in any other convenient way, and submitted for a spectrographic BeO determination.

The deposit should be examined carefully before recommending a loan as no deposit in the region has contained more than one or a small number of pockets of beryl. It is likely that the pocket reportedly mined here for gem beryl is the only one within many feet of the surface.

W. R. Griffitts

Approved with it that [illegible] !!! [illegible]

Still needs a check - TPT

copy to: DMA files

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1916

Date received 8/3/51

Participation

American Gem & Pearl Co
6 West 48th St.
New York, N.Y.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1951

Name and address of applicant

Date July 31st 1951

FILL IN THIS BLOCK

Date of application July 31/51

Estimated cost 2000 -

Mineral or metal BERYL

Percentage of Government participation 90 %

Location of mine Spruce Pine N. C.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation

*2. If a partnership, state names and addresses of partners. —

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See attached sheets (4)

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. —

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? $2-00 - Yes.

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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State amount of power to be used, rate per hour or other cost, and source.

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15. State in detail how the ore could be shipped and how and where milled.

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(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

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(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

American Gem and Pearl Co. (Name of company) By M. M. Hanna (Signature of authorized official)

July 31st 1951 (Date) President (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Mining Property
of American Gem
and Pearl Co.
6 West 48th St.
New York, N.Y.

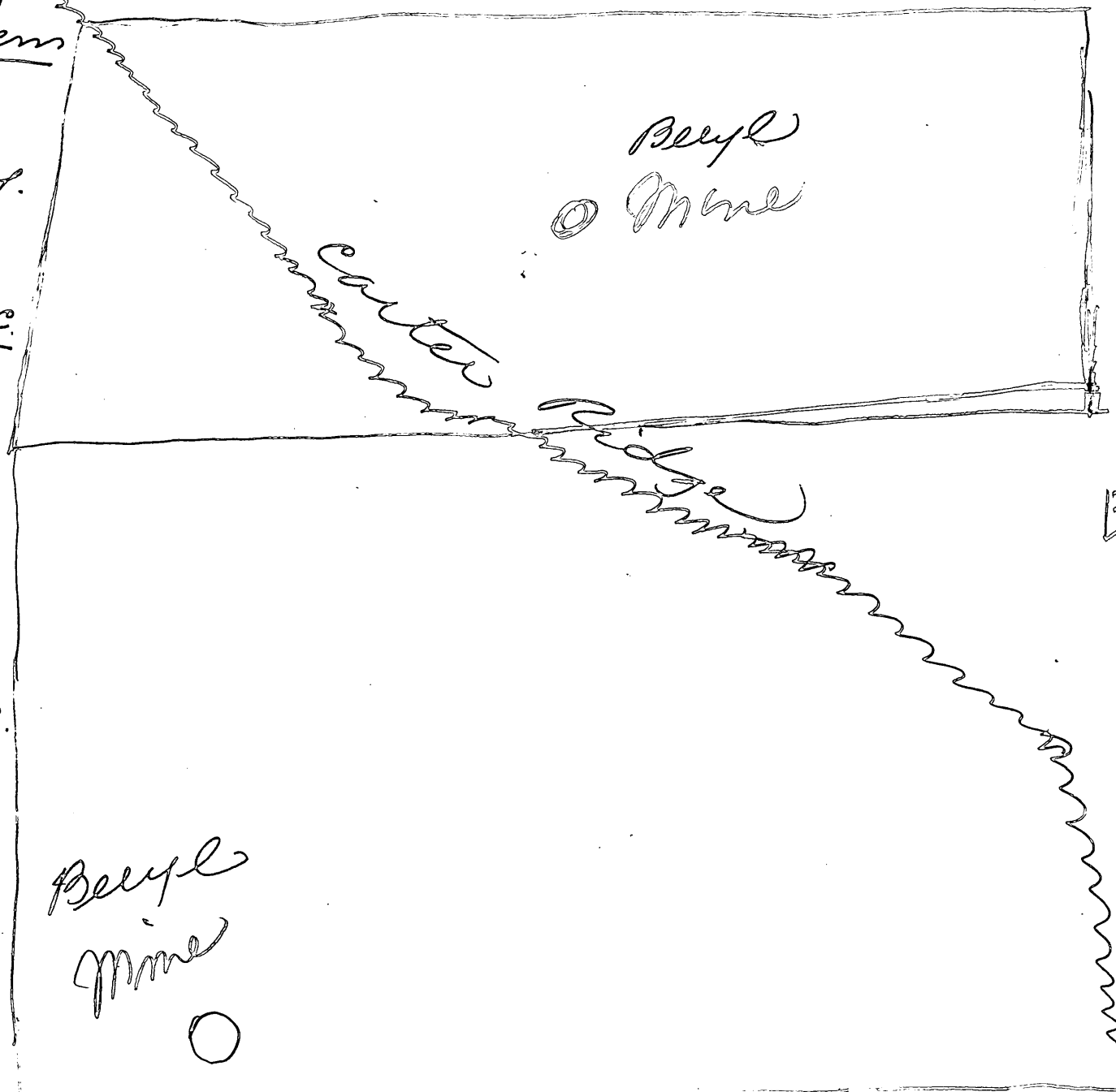
Location
Spruce Pine N.C.
on both sides
of Carter Ridge

WEST

Local Contact
Wm Wiseman
Spruce Pine N.C.
representing
owners, and
familiar with
properties.

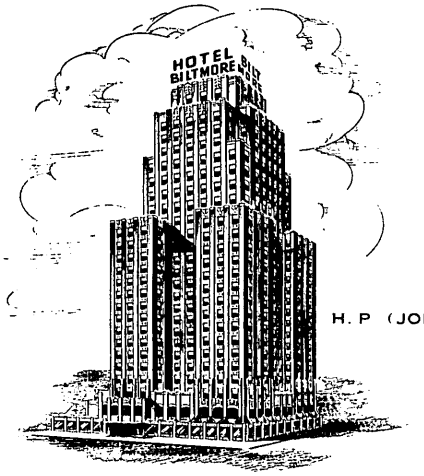
NORTH

BERYL, MICA
Feldspar



EAST

SOUTH



MARTIN J. REINHART, PRESIDENT

ROLLIN C. BOYLES, SECRETARY

OKLAHOMA BILTMORE HOTEL

WHERE COURTESY CREATES IT'S OWN WELCOME

H. P (JOHNNIE) JOHNSON
MANAGER

O K L A H O M A C I T Y

AMERICAN GEM AND PEARL COMPANY
6 WEST 48TH STREET
NEW YORK 19, N. Y.

Sheet #1

CODES
A. B. C. (4TH & 5TH EDITIONS)
WESTERN UNION (UNIVERSAL EDITION)
BENTLEY'S (COMPLETE PHRASE CODE)

CABLE ADDRESSES:
"AMERIGEMCO, NEW YORK"
"AMERIGEMCO, PARIS"
"AMERIGEMCO, LONDON"

3. M. B. Hanauer President, Who owns all of the stock.
Gertrude H. Hanauer Treasurer and Secretary } 118 Mayflower Ave. New Rochelle N.Y.

There are 3 Directors, the above two, and S. Goldsmith 600 West 192nd St. New York, N.Y.

4. a. We have mined the property in question for gem quality BERYL, and other mines for Mica, Amethyst, AMAZONITE, GARNET. We have been actively in business since 1903, mining and marketing gems and gem materials.

b. The project will be supervised by Mr. Wm. Wiseman, Spruce Pine N.C. who has lived there for most of his life and was associated with a business venture in his country for many years. He is a practical man, brought up amongst mines and mining. To the best of our knowledge he has no formal training in mining or geology.

5. Owner

8. As I am sending this application from the road - In order to mail it July 31 - I cannot enclose statement, but will furnish one. Our net worth

AMERICAN GEM AND PEARL COMPANY
6 WEST 48TH STREET
NEW YORK 19, N. Y.

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CABLE ADDRESSES:
"AMERIGEMCO, NEW YORK"
"AMERIGEMCO, PARIS"
"AMERIGEMCO, LONDON"

Sheet #2

is about $100 000.- Our profit last year was between 5.000 - & 10.000.- Will furnish profit and loss statement.

9. $200.- yes.

10.(a) The property is in Spruce Pine, Mitchell County, N.C., on both sides of a road running along Carter Ridge, as per sketch enclosed.

11. The South property is known as the Hungerford mine, the North property was known as the McKinney mine, later as the Wiseman mine.

12. About 1½ miles from Village of Spruce Pine, Grassy Creek Township, Mitchell Co. N.C. Black Road to within about 1½ miles of property, new dirt road to within ½ mile on one side, less on the other side of road. Other information not available now, but can be obtained.

13. Should water be needed, it can be piped to the 2 mines from a nearby river - less than 1 mile.

14. None

15. Freight - probably Cleveland: Ohio. Brush development Corp.

16.(a) We mined for gem quality BERYL and obtained a fair amount - many thousands of carats - but found after a while we could buy the rough more cheaply in Brazil than mine it here.

AMERICAN GEM AND PEARL COMPANY
6 WEST 48TH STREET
NEW YORK 19, N. Y.

Sheet #3

CODES
A. B. C. (4TH & 5TH EDITIONS)
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"AMERIGEMCO, LONDON"

16(b) Not known.
(c) Have none, but I believe Jno Mr. Paul Tyler knows the property.
17. Not in production
18. (a) not known
(b) See sketch enclosed
(c) not known
19. During the first world war we mined for mica, obtained some, but results unknown. There are signs of recent surreptitious mining for mica.
20. Mainly BERYL, incidentally mica & feldspar
21. It is proposed to use a bull dozer on each ~~each~~ of the 2 mines and remove earth down to where mining had been done and ore found. Time required about one month.
22. We obtained ten & twenty pound beryl crystals from these mines. Regret have no geological information or other pertinent data. - We bought these mines in 1903 to mine for gem quality BERYL, which we did for some five years or more, I think, until new finds in Brazil made it more profitable to buy this new rough.

AMERICAN GEM AND PEARL COMPANY
6 WEST 48TH STREET
NEW YORK 19, N. Y.

Sheet # 4

CODES
A. B. C. (4TH & 5TH EDITIONS)
WESTERN UNION (UNIVERSAL EDITION)
BENTLEY'S (COMPLETE PHRASE CODE)

CABLE ADDRESSES:
"AMERIGEMCO, NEW YORK"
"AMERIGEMCO, PARIS"
"AMERIGEMCO, LONDON"

23. a 2 Miners 3 weeks 240.-
b 1 Supervisor 25 days @ 15.- 375.-
c zero
d zero
e zero
f 1 Bulldozer 12 days @ 100.- 1200.-
g zero
h zero
i other items 100.-
1915.-

24. It is hoped that project will be started within one month after approval, and finished within one month after its start, hence within two months after approval.

AMERICAN GEM AND PEARL COMPANY

6 WEST 48TH STREET

NEW YORK 19, N. Y.

CODES
A. B. C. (4TH & 5TH EDITIONS)
WESTERN UNION (UNIVERSAL EDITION)
BENTLEY'S (COMPLETE PHRASE CODE)

CABLE ADDRESSES:
"AMERIGEMCO, NEW YORK"
"AMERIGEMCO, PARIS"
"AMERIGEMCO, LONDON"

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

370

OCT 24 1951

Mr. M. B. Hanamer, President
American Gem & Pearl Company
6 West 48th Street
New York, N. Y.

Subject: DMA-1916 Beryl
Spruce Pine, N. C.

Dear Mr. Hanamer:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville, Tennessee, for further information.

Sincerely yours,

Signed
Tom Lyon, Director
Supply Division

RWASKEY:mp
9-24-51
cc: Field Team, Region VII (2)
DMA Docket File
Mr. Barr

August 7, 1951

Mr. M. B. Hananer, President
American Gem and Pearl Company
6 West 48th Street
New York, New York

Subject: DMA-1916
Re: Exploration Loan -
Hungerford Mine, Wiseman
Mine

My dear Mr. Hananer:

Receipt is acknowledged of your application and attachments of July 31, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1916 and referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on August 6, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1916.

Sincerely yours,

ROBERT E. ADAMS BS 8/7

Robert E. Adams
Chief, Reports & Records Unit

REAdams:jc
cc: Barr
Lyon
✓Reports & Records File

Only one copy of MF-103 was received in this office.
Three copies of MF-103 have been typed, per Mr. Adams' request, to make the required four copies. Mr. Adams' office

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1916

Date received 8/3/51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1951

AMERICAN GEM & PEARL COMPANY
6 West 48th Street,
New York, N. Y.

Name and address of applicant

Date July 31, 1951

FILL IN THIS BLOCK

Date of application July 31, 1951

Estimated cost 2,000

Mineral or metal Beryl

Percentage of Government participation 90%

Location of mine Spruce Pine, N. C.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Corporation

*2. If a partnership, state names and addresses of partners. ---

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. See attached four sheets

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. ---

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? $200 - Yes

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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(Name of company) (Signature of authorized official)

7/31/51 _____
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Defense Minerals Administration
RECEIVED
AUG 3 1951

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Name and address of applicant

Date July 31, 1951

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Date of filing MF-100

DMA Docket Number, if available

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(Name of company)

By _____
(Signature of authorized official)

7/31/51
(Date)

_____
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